





```
1 0001 0 MODULE COB$PAUSE ( ! COBOL STOP 'literal' statement
2 0002 0 IDENT = '1-007' ! File: COBPAUSE.B32 ! Edit SBL1007
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1
7 0007 1 *****
8 0008 1 *
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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26 0026 1 *
27 0027 1 *
28 0028 1 *****
29 0029 1
30 0030 1
31 0031 1 ++
32 0032 1 FACILITY: COBOL Support Library
33 0033 1
34 0034 1 ABSTRACT:
35 0035 1
36 0036 1 COBOL STOP 'literal' statement: Output string and
37 0037 1 Hibernate.
38 0038 1
39 0039 1 ENVIRONMENT: User Mode - AST re-entrant
40 0040 1
41 0041 1 AUTHOR: Thomas N. Hastings, CREATION DATE: 8-Aug-1977
42 0042 1
43 0043 1 MODIFIED BY:
44 0044 1
45 0045 1 Thomas N. Hastings, 8-Aug-1977: VERSION 0
46 0046 1 01 - original
47 0047 1 0-4 - Output FORTRAN PAUSE, if no arg. TNH 13-Dec-77.
48 0048 1 0-05 - Change to STARLET library. DGP 20-Apr-78
49 0049 1 0-06 - Change REQUIRE files for VAX system build. DGP 28-Apr-78
50 0050 1 0-07 - Change STARLET to RTLSTARLE to avoid conflicts. DGP 1-May-78
51 0051 1 0-08 - Use SYS$CLI to pause. TNH 7-Jun-78
52 0052 1 0-09 - Make PIC. TNH 30-June-78
53 0053 1 0-10 - Change file name to FORPAUSE.B32, and change the names of
54 0054 1 the REQUIRE file similarly. JBS 14-NOV-78
55 0055 1 1-001 - Update version number and copyright notice. JBS 16-NOV-78
56 0056 1 1-002 - Change REQUIRE file name from FORMAC to OTSMAC. JBS 06-DEC-78
57 0057 1 1-003 - Created COBPAUSE from version 1-002 of FORPAUSE. RKR 16-AUG-79
```



COB\$PAUSE  
1-007

D 16  
16-Sep-1984 00:12:31  
14-Sep-1984 12:10:53

VAX-11 Bliss-32 V4.0-742  
[COBRTL.SRC]COBPAUSE.B32;1

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:	58	0058	1	:	1-004	-	Made MESSAGE parameter mandatory for COBOL usage.
:	59	0059	1	:	1-005	-	Change symbolic name of LIBRARY file. RKR 1-OCT-79
:	60	0060	1	:	1-006	-	Add switch declaration and cosmetic changes.
:	61	0061	1	:			RKR 18-OCT-79
:	62	0062	1	:	1-007	-	Remove ACTUALCOUNT declaration. SBL 16-Jun-1982
:	63	0063	1	:	--		

```
65 0064 1 |
66 0065 1 | SWITCHES
67 0066 1 |
68 0067 1 |
69 0068 1 SWITCHES ADDRESSING_MODE (EXTERNAL = GENERAL, NONEXTERNAL = WORD_RELATIVE);
70 0069 1 |
71 0070 1 |
72 0071 1 | TABLE OF CONTENTS:
73 0072 1 |
74 0073 1 |
75 0074 1 FORWARD ROUTINE
76 0075 1 COB$PAUSE; | Supports STOP 'literal' statement
77 0076 1 | in COBOL.
78 0077 1 |
79 0078 1 |
80 0079 1 | INCLUDE FILES:
81 0080 1 |
82 0081 1 REQUIRE 'RTLIN:RTLPSECT'; | Define DECLARE_PSECTS macro
83 0176 1 LIBRARY 'RTLSTARLE'; | STARLET library for macros and symbols
84 0177 1 |
85 0178 1 | MACROS:
86 0179 1 |
87 0180 1 |
88 0181 1 |
89 0182 1 | EQUATED SYMBOLS:
90 0183 1 |
91 0184 1 |
92 0185 1 |
93 0186 1 | PSECT DECLARATIONS:
94 0187 1 |
95 0188 1 |
96 0189 1 DECLARE_PSECTS (COB); | declare PSECTS COB$ facility
97 0190 1 |
98 0191 1 |
99 0192 1 | OWN STORAGE:
100 0193 1 |
101 0194 1 |
102 0195 1 |
103 0196 1 | EXTERNAL REFERENCES:
104 0197 1 |
105 0198 1 |
106 0199 1 EXTERNAL ROUTINE
107 0200 1 SYS$CLI: ADDRESSING_MODE(GENERAL), | Call command language interpreter (CLI)
108 0201 1 LIB$PUT_OUTPUT: NOVALUE ADDRESSING_MODE(GENERAL); | Output on device $OUTPUT
```

```
110 0202 1 GLOBAL ROUTINE COB$PAUSE (      ! COBOL PAUSE statement
111 0203 1 MESSAGE)      ! Adr. of string descriptor to output
112 0204 1 =      ! Value returned is $SUSPND completion code
113 0205 1 ++
114 0206 1 FUNCTIONAL DESCRIPTION:
115 0207 1
116 0208 1 COBOL PAUSE outputs an string on device $OUTPUT and then
117 0209 1 calls CLI to pause which puts users back at command level.
118 0210 1
119 0211 1 FORMAL PARAMETERS:
120 0212 1
121 0213 1 MESSAGE.rt.dx      ! Adr. of optional string descriptor to output
122 0214 1
123 0215 1 IMPLICIT INPUTS:
124 0216 1
125 0217 1 Logical device assignment for $OUTPUT (see LIB$PUT_OUTPUT)
126 0218 1
127 0219 1 IMPLICIT OUTPUTS:
128 0220 1
129 0221 1 NONE
130 0222 1
131 0223 1 COMPLETION CODES:
132 0224 1
133 0225 1 Operating system completion status on SYS$CLI directive
134 0226 1
135 0227 1 SIDE EFFECTS:
136 0228 1
137 0229 1 Outputs message on device $OUTPUT and calls SYS$CLI pause function.
138 0230 1
139 0231 1 --
140 0232 1
141 0233 2 BEGIN
142 0234 2 LOCAL T;
143 0235 2
144 0236 2 LIB$PUT_OUTPUT (.MESSAGE) ;
145 0237 2 T = CLISK_CLISERV + CLISK_PAUSE*256;
146 0238 2 RETURN SYS$CLI (T);
147 0239 1 END;      ! End of routine COB$PAUSE
```

```
.TITLE COB$PAUSE
.IDENT \1-007\

.EXTRN SYS$CLI, LIB$PUT_OUTPUT

.PSECT _COB$CODE,NOWRT, SHR, PIC,2

.ENTRY COB$PAUSE, Save nothing
SUBL2 #4, SP
PUSHL MESSAGE
CALLS #1, LIB$PUT_OUTPUT
MOVZWL #261, T
PUSHL SP
CALLS #1, SYS$CLI
RET
```

```
0000 00000
SE 04 AC DD 00002
00000000G 00 01 FB 00008
6E 0105 8F 3C 0000F
00000000G 00 5E DD 00014
01 FB 00016
04 0001D
```

; Routine Size: 30 bytes, Routine Base: \_COB\$CODE + 0000

```
0202
0236
0257
0238
0239
```

COB\$PAUSE  
1-007

G 16  
16-Sep-1984 00:12:31  
14-Sep-1984 12:10:53

VAX-11 BLISS-32 V4.0-742  
[COBRTL.SRC]COBPAUSE.B32;1

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: 148            0240 1 END                    ! End of module COB\$PAUSE  
: 149            0241 0 ELUDOM

PSECT SUMMARY

:  
: Name                    Bytes                    Attributes  
: \_COB\$CODE               30   NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

:  
: File                    ----- Symbols -----                    Pages                    Processing  
:                            Total        Loaded        Percent                    Mapped                    Time  
: \_\$255\$DUA28:[SYSLIB]STARLET.L32;1            9776            2            0                    581                    00:00.7

COMMAND QUALIFIERS

:  
: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LISS:COBPAUSE/OBJ=OBJ\$:COBPAUSE MSRC\$:COBPAUSE/UPDATE=(ENH\$:COBPAUSE)

: Size:                30 code + 0 data bytes  
: Run Time:            00:02.2  
: Elapsed Time:        00:18.0  
: Lines/CPU Min:       6694  
: Lexemes/CPU-Min:    16277  
: Memory Used:        32 pages  
: Compilation Complete



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AH-BT13A-SE  
VAX/VMS V4.0

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